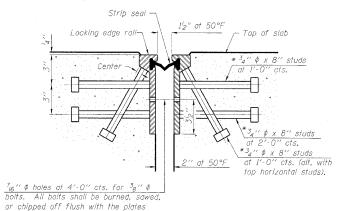


* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.

after forms are removed, typ.



Strip seal— Locking edge rail-— Top of slab *3₄'' \$ x 8'' studs *3₄'' ¢ x 8'' studs at 2'-0'' ots. 234" at 50° Anchor plate Place plates at 1'-0" cts. $\frac{7_{16}}{0}$ % holes at 4'-0" cts. for $\frac{3}{8}$ " ϕ bolts. All bolts shall be burned, sawed, or chipped off flush with the plates

SECTION THRU

WELDED RAIL JOINT

The strip seal shall be made continuous and shall have a minimum thickness of ${}^{l}_{4}$ ". The configuration of the strip seal shall match the configuration of the Locking Edge Rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement of 4 inches. The height and thickness of the Locking Edge Rails shown are minimum

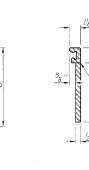
dimensions. The actual configuration of the Locking Edge Rails and matching strip seal may vary from manufacturer to manufacturer. Flanged edge rails will not be allowed. Locking Edge Rails may be spliced at slope discontinuities and stage construction joints.

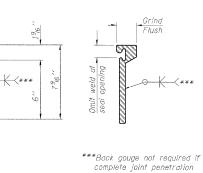
The manufacturer's recommended installation methods shall be followed.

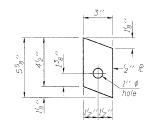
The joint opening and deck dimensions detailed on the superstructure are based on a rolled rail expansion joint. If the Contractor elects to use the welded rall expansion joint, the opening and deck dimensions shall be modified according to the dimensions detailed on this sheet. Required modifications shall be made at no additional cost to the State.

All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications.

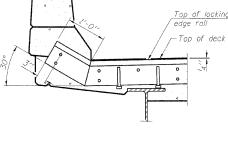
SECTION THRU ROLLED RAIL JOINT

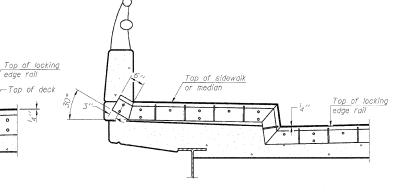






ANCHOR P





AT PARAPET

AT SIDEWALK OR MEDIAN

Shorter plates with a single row of studs at 12" cts, may be necessary on medians which are shallower than 9". See manufacturer's recommendation.

ROLLED EXTRUDED RAIL WELDED RAIL

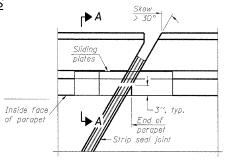
LOCKING EDGE RAIL SPLICE

rail groove shall be free of weld residue.

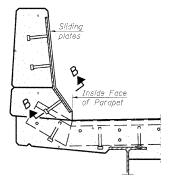
after forms are removed, typ.

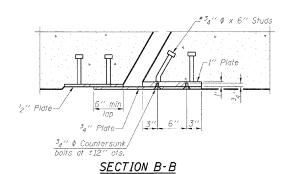
is verified by mock-up.

LOCKING EDGE RAILS



PLAN





TYPICAL END TREATMENTS

BILL OF MATERIAL eformed Joint Strip Seal Foot 140.0

SECTION A-A

POINT BLOCK DETAILS (for skews > 30°)

PREFORMED JOINT STRIP SEAL STRUCTURE NO. 022-0098

benesch alfred benesch & company
Englineers - Surveyors - Planners
205 Nord Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10050

SHEET	NO.	7
8 SH	EET:	3

NO. 7	F.A.I. RTE.	SECT	ΓΙΟΝ		COUNTY	TOTAL SHEETS	SHEE'
,,,,,	²⁹⁰ 355	22(1, 1-1,	2&3)RS-	7	DUPAGE	546	261
EETS					CONTRACT	NO. 6	OG51
	FED. RO	AD DIST. NO.	ILLINOIS	FED. A	AID PROJECT		

DESIGNED MFB CHECKED KWS CHECKED KWS

EJ-SSJ

10-1-08